



WEEK ENDING JANUARY 4, 2013

OPP Weekly Activity Report

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REGISTRATION DIVISION

Registration Actions Granted Under FIFRA Section 18 Emergency Exemptions					
State/Federal Agency	Chemical Emergency Exemption Number	Product Name EPA Reg/ File Symbol	Crop/Site	Pest	Authorization Date
Specific Exemption(s):					
California	Mancozeb 13-CA-03	Manzate Flowable Fungicide (70506-236) Manzate Pro-Stick Fungicide (70506-234)	Walnut	Walnut blight	12/21/2012
Libby Pemberton, 703/308-9364					
Oregon	Hop beta acids 13-OR-03	HopGuard 83623-R	Beehives	Varroa mites	12/21/2012
Louisiana	Hop Beta Acids 13-LA-01	HopGuard (83623-R)	Beehives	Varroa Mite	12-31-2012
	Amitraz 13-LA-02	Apivar Strips (87243-R)	Beehives	Varroa Mite	12-31-2012
Missouri	Hop Beta Acids 13-MO-01	HopGuard (83623-R)	Beehives	Varroa Mite	12-31-2012
	Amitraz 13-MO-02	Apivar Strips (87243-R)	Beehives	Varroa Mite	12-31-2012
Colorado	Hop Beta Acids 13-CO-02	HopGuard (83623-R)	Beehives	Varroa Mite	12-31-2012
Nebraska	Hop Beta Acids 13-NE-01	HopGuard (83623-R)	Beehives	Varroa Mite	12-31-2012
Indiana	Amitraz 13-ID-02	Apivar Strips (87243-R)	Beehives	Varroa Mite	12-31-2012
Texas	Amitraz 13-TX-01	Apivar Strips (87243-R)	Beehives	Varroa Mite	12-31-2012
West Virginia	Amitraz 13-WV-02	Apivar Strips (87243-R)	Beehives	Varroa Mite	12-31-2012
Wisconsin	Amitraz 13-WI-02	Apivar Strips (87243-R)	Beehives	Varroa Mite	12-31-2012
Stacey Milan Groce, 703/305-2505					

Spray Drift Mitigation Measures for Agricultural Products Containing Chlorpyrifos

On December 20 and 21, 2012, the Registration Division amended forty-one agricultural chlorpyrifos labels to incorporate additional spray drift mitigation measures. The new mitigation measures include reduced application rates and mandatory buffers around sensitive sites, and are designed to protect children and other bystanders who live, attend school, play, or otherwise spend time next to sites where chlorpyrifos is applied. These measures were required by the Pesticide Reevaluation Division and respond in part to a petition filed by the Natural Resources Defense Council and Pesticide Action Network North America. (Julie Chao, 703/308-8735)

Time-Limited Tolerance Established for Spirotetramat On December 26, 2012, the *Federal Register* published a final rule establishing a time-limited tolerance for residues of the insecticide spirotetramat in or on watercress. The time-limited tolerance was established to cover the Section 18 emergency exemptions which were issued to Florida and Tennessee for the use of spirotetramat on watercress to control aphids. Florida and Tennessee are experiencing high pest pressure from melon/cotton aphids in the watercress industry. Aphids infest watercress fields from surrounding areas, and attack the apical stem tips of plants. Watercress plants respond with reduced vigor (growth rate) and yields per acre (bunch number) are subsequently reduced. The time-limited tolerance expires on December 31, 2015. (Keri Grinstead, 703/308-8373)

New Insecticide, Pyrifluquinazon, Registered for Use Against Sap-Feeding Insects

On January 3, 2012, the Insecticide Branch/RD granted the first U.S. registrations for the new insecticide active ingredient, pyrifluquinazon, for use against sap-feeding insects on non-food ornamental plants grown in greenhouses. Registration included one technical manufacturing use product, and one end-use product. A chemical previously registered in Japan and Korea, pyrifluquinazon was developed by Nichino America, Inc., and represents the first member of a new insecticide class that as of yet, remains unclassified by the Insecticide Resistance Action Committee (IRAC). Pyrifluquinazon acts to prevent feeding by sap-feeding insects, which include aphids, mealybugs, and whiteflies; and problematic invasive q-strain whiteflies. Pyrifluquinazon's unique mode of action will provide the user community with additional options for control of sap-feeding insects and contribute to enhanced resistance management options for IPM (Integrated Pest Management) on greenhouse ornamentals. (Clayton Myers, 703/347-8874)

Registration Actions Completed Under the Pesticide Registration Improvement Act (PRIA)					
Chemical	Company	Registration Number	Action Code*	Due Date	Response Date
The Fungicide Branch granted:					
Tebuconazole	Axion Ag Products, LLC	89167-23	R300	1/12/2013	12/21/2012
Banza Djapao, 703/305-7269					
Captan	Drexel Chemical Company	19713-648	R300	2/25/2013	1/3/2013
	Redeagle International LLC	85678-28	R310	1/20/2013	1/3/2013
Dominic Schuler, 703/347-0260					
The Herbicide Branch granted:					
2, 4-D, 2-ethylhexyl ester	PBI/Gordon Corp	2217-975 2217-976	R310	1/5/2012	12/21/2012
Bethany Benbow, 703/347-8072					
Trifloxysulfuron-sodium	Syngenta Crop Protection, LLC	100-1133	R340	1/19/2012	1/3/2012
Juanita Gilchrist, 703/305-6965					

2, 4-D	Drexel Chemical company	19713-641	R310	12/26/2012	12/21/2012
Dicamba	Albaugh Inc.	42750-57	R340	12/20/2012	12/21/2012
Oxyfluorfen	Albaugh Inc.	427-135	R340	1/6/2012	12/21/2012
Emily Hartman, 703/347-0189					
2, 4-D, butoxyethyl	Axion Ag Products, LLC	89167-21	R300	1/3/2013	12/21/2012
Dithiopyr	Control Solutions, Inc.	53883-311	R310	12/26/2012	12/21/2012
Sulfentrazone	Summit Agro North America Holding	82534-5	R300	12/21/2012	12/21/2012
Dianne Morgan, 703/305-6217					
Metolachlor	Sipcam Agro USA, Inc.	60063-52	R310	12/21/2012	12/21/2012
	Makhteshim Agan of North America, Inc.	66222-245	R310	12/21/2012	12/21/2012
Grant Rowland, 703/347-0254					
Metolachlor	Makhteshim Agan of North America, Inc.	66222-244	R310	12/27/2012	12/21/2012
Michael Walsh, 703/308-2972					
The Insecticide Branch granted:					
Bifenthrin	Wet & Forget USA Ltd.	84115-2	R300	1/8/2013	12/21/2012
BeWanda Alexander, 703/305-7460					
Fipronil	BASF Corporation	7969-351	R310	1/17/2012	1/2/2012
Driss Benmhend, 703/308-9525					
Permethrin	Envivio LLC	87276-24	R301	1/6/2012	12/31/2012
Tetramethrin	McLaughlin Gormley King Company	1021-2594	R310	1/18/2012	12/21/2012
Linda DeLuise, 703/305-5428					
Pyrifluquinazon	Nichino America, Inc.	71711-37 71711-38	R110	1/10/2013	1/3/2013
Clayton Myers, 703/347-8874					
MGK 264	Farnam Companies, Inc.	270-349	R340	1/11/2012	1/2/2012
Carmen Rodia, 703/306-0327					
The Insecticide-Rodenticide Branch granted:					
Acephate	Axion Ag Products, LLC	89167-27	R300	4/4/2013	1/2/2012
Gene Benbow, 703/347-0235					
Thiamethoxam	Syngenta Crop Protection, LLC	100-1294	R350	2/1/2013	1/2/2013
Julie Chao, 703/308-8735					
Imidacloprid	NuFarm Americas, Inc.	228-717	R310	1/2/2013	1/2/2013
Autumn Metzger, 703/305-5314					
R110 – non- food use; indoor (1); R300 – New product; identical or substantially similar in composition and use to a registered product; no data review or only product chemistry data; cite-all data citation or selective data citation where applicant owns all required data or submits specific authorization letter from data owner; category also includes 100% repackaging of registered end-use or manufacturing-use product that requires no data submission or data matrix; R301 – New product identical or substantially similar in composition and use to a registered product; registered source of active ingredient; selective data citation only for data on product chemistry and/or acute toxicity and/or public health pest efficacy etc.; R310 – New end-use or manufacturing use product; requires review of data package within RD; includes reviews and/or waivers of data for only: product chemistry and/or acute toxicity and/or public health pest efficacy; R340 – Amendment requiring data review within an unregistered source of active ingredient\1; and R350 – Amendment requiring data review in science divisions e.g., changes to REI, or PPE, or PHI, or use rate, or number of applications; or add aerial application; or modify GW/SW advisory statement\1.					

BIOLOGICAL & ECONOMIC ANALYSIS DIVISION

Status of Homeland Projects Discussed with Federal Collaborator. The EPA is collaborating with the U.S. Army's Edgewood Chemical Biological Center (ECBC), Aberdeen Proving Ground, Maryland under an Interagency Agreement (IA) on a number of Homeland Security related projects. Steve Tomasino met with the ECBC Principal Investigator, Dr. Vipin Rastogi, to discuss the status of several

studies: 1) optimizing sporulation media for *Bacillus* species, 2) use of the AOAC Three Step Method to determine the efficacy of gaseous sporicidal decontamination agents, and 3) the preparation of a manuscript describing the effectiveness of disinfectants against two potential vegetative bio-warfare agents (*Francisella* and *Yersinia*). All projects are scheduled to be completed by the end of the 2nd quarter 2013. The IA is supported with OPP Homeland Security funds. (Stephen Tomasino, 410-305-2976)

MLB Submits Comments on OECD Test Guideline. Scientists in the Microbiology Laboratory Branch submitted to Christine Olinger, the U.S. National Coordinator, comments on the draft Test Guideline for *Quantitative Methods for Evaluating the Activity of Microbicides Used on Hard Non-porous Surfaces*. The Test Guidelines are part of an OECD effort to harmonize methods for testing hard surface disinfectants. The EPA's comments were minor since this is the third time the Test Guidelines have been forwarded to the Working Group of National Coordinators of the Test Guideline Programme. (Michele Wingfield, 410-305-2662; Stephen Tomasino, 410-305-2976; Rebecca Pines 410-305-2635).

INFORMATION TECHNOLOGY & RESOURCES MANAGEMENT DIVISION

OPP FOIA Request Status Report –December 17-28, 2012							
Requests Received		Requests Closed			Requests Open		
FY13	This Week	FY13	FYTD	This Week	FY13	Prior Years	Total
94	10	56	136	10	38	137	175

(Ana Espinoza, 703-347-0102)

BIOPESTICIDES & POLLUTION PREVENTION DIVISION

Registration Review Docket Open for Comment Includes Microbial Pesticide. In a Federal Register notice published on December 14, 2012, EPA announced the opening of registration review dockets for 16 pesticides including the biopesticide *Bacillus pumilus*. Comments on this case must be received by February 12, 2013. Documents supporting this action are available for comment in docket [EPA-HQ-OPP-2012-0857](#) until February 12, 2013. (Susanne Cerrelli, 308-8077)

BPPD and BEAD Present at, Participate in 2nd Annual Tick Summit. On December 18, 2012, representatives from BPPD and BEAD gave a presentation titled "Promoting IPM to Reduce Tick Borne Diseases" at the 2nd Annual Tick Summit in Baltimore, Maryland. The Summit was hosted by United States Army Public Health

Command's Army Institute of Public Health and the Maryland Department of Health and Mental Hygiene's Center for Zoonotic and Vector-borne Diseases. During the day-long summit, attendees from local, state and federal governments as well as academia shared information on regional tick borne disease activities and research. Additional presentation topics included regional tick surveillance, and development of molecular techniques for pathogen identification. (Candy Brassard, 305-6598; Clara Fuentes, 308-0171; David Brassard (BEAD), 308-8104)

ENVIRONMENTAL FATE & EFFECTS DIVISION

Ecological Residues of Concern Guidance. For ecological risk assessments, EFED identifies a pesticide's degradates of concern, taking into account the chemical structure of the products formed, their prevalence, and their ecotoxicity to assessed organisms. A pesticide (i.e., active ingredient) and its degradates of concern are collectively known as the residues of concern (ROC) for which risk is assessed. Recently, EFED developed guidance for determining ecological ROC and for identifying additional data that may be needed to reduce uncertainty for ROC in ecological risk assessments. Implementing this guidance should result in more robust and consistent rationales for ecological ROC and requests for additional data. (Greg Orrick, 703-305-6140; Katrina White 703-308-4536).

Environmental Chemistry Methods Guidance. Environmental chemistry methods (ECMs) are routinely submitted to EFED in accordance with data reporting guidelines for environmental field studies. During the review process, EFED may ask the Environmental Chemistry Branch of the Biological and Economics Analysis Division (BEAD) to review the ECM and examine the suitability of an ECM through an independent laboratory validation (ILV) process. Recently, EFED updated guidance for reviewing environmental chemistry methods and for identifying which ECMs should be referred to BEAD for validation. The updated guidance document consolidates earlier guidance documents and clarifies several points such as the need for soil methods with limits of quantitation below toxicological concentrations of concern and the submission of methods based on an existing multi-residue method. The procedures and criteria in this guidance are intended to increase uniformity in processing and reviewing ECMs in EFED. (Greg Orrick, 703-305-6140).